

CLAIMS

What is claimed:

1. A housing for receiving at least one flammable member, the housing sized to fit behind a plane of a wall, the housing comprising:
  - a back member;
  - a plurality of side members, the side members and the back member sealed along a plurality of seams to generally define an enclosure, the enclosure having an open face generally parallel to the back member;
  - the enclosure defining an interior surface and an exterior surface, at least one of the interior surface and the exterior surface comprising a fire resistant material;
  - at least one single orifice, the orifice located in at least one of the side members, the orifice adapted to accept the at least one flammable member including a transmission member and a connection assembly, wherein the connection assembly includes a termination end secured substantially parallel to the plane of the wall; and
  - at least one attachment member, the at least one attachment member adapted to permit the enclosure to be affixed to the wall.
2. The housing of claim 1, wherein the back members and the plurality of side members are constructed of a ceramic material.
3. The housing of claim 1, wherein the back members and the plurality of side members are metallic.
4. The housing of claim 1, wherein the fire resistant material comprises a fire resistant coating applied to the interior surface.

5. The housing of-claim 4, wherein the fire resistant coating is an intumescent coating.
6. The housing of claim 4, wherein the fire resistant material is an insulating material.
7. The housing of claim 1, wherein the fire resistant material comprises a fire resistant coating applied to the exterior surface.
8. The housing of claim 7, wherein the fire resistant coating is an intumescent coating.

9. A housing for mounting within a wall and adapted to receive an electrical cable assembly, the housing comprising:
- a back wall;
  - a perimeter wall, the perimeter wall and back wall cooperating to define an enclosure having an open face, the perimeter wall and the back wall constructed of a fire resistant material;
  - an orifice, the orifice defined in a portion of the perimeter wall, the orifice adapted to receive the electrical cable assembly having a transmission portion and a termination portion, wherein the transmission portion transmits electrical energy, the orifice arranged so that the electrical cable assembly is oriented parallel to a plane defined by a surface of the wall;
  - a strain relief cooperating with the orifice, the strain relief adapted to securely hold the transmission portion in a desired position seal when the electrical cable assembly is disposed in the strain relief; and
  - a pair of attachment flanges carried by the perimeter wall, the attachment flanges adapted to facilitate attachment of the enclosure to the wall.
10. The housing of claim 9, the wall including a pair of spaced apart studs; and wherein the attachment flanges are spaced for attachment to the pair of studs.
11. The housing of claim 9, wherein the perimeter wall includes a top wall, a bottom wall and a pair of side walls, and wherein the enclosure is substantially rectilinear.

12. The housing of claim 9, wherein the enclosure includes  
a back wall;  
a perimeter wall, the perimeter wall and back wall cooperating to  
define an enclosure having an open face and an interior  
surface and an exterior surface, the enclosure having a  
coating applied to at least one of the interior and exterior  
surfaces, and wherein the coating comprises an intumescent  
substance.
13. The housing of claim 9, wherein the fire resistant material is a  
ceramic.
14. A housing for insulating and securing a connection within a recess  
formed within a wall, the housing comprising:  
a box-like enclosure, the box-like enclosure adapted for attachment  
to the wall with the box-like enclosure disposed within the  
recess, the box-like enclosure including an opening sized to  
receive a flammable portion, the box-like enclosure sized to  
receive the flammable portion; and  
an intumescent material, the intumescent material coating at least  
one of an interior surface and an exterior of the box-like  
enclosure.
15. The housing in claim 14, the surface of the wall defining a plane,  
and wherein the box-like enclosure is sized so that the box-like  
enclosure resides entirely behind the plane.
16. The housing in claim 14, wherein the fire insulating material is  
integrally formed with the box-like enclosure.
17. The housing in claim 14 wherein the intumescent coating is applied  
to the interior surface of the box-like enclosure.

18. The housing in claim 14, wherein the intumescent coating is applied to the exterior surface of the box-like enclosure.
19. A housing for receiving a connection, the housing sized to fit within recess disposed in a wall, the housing comprising:
  - a back wall;
  - a top wall, a bottom wall, and a pair of side walls;
  - the back wall, the top wall, the bottom wall and the pair of side walls bonded along a plurality of seams to form an enclosure, the enclosure has an interior surface;
  - a fire resistant intumescent coating applied to the interior surface;
  - an orifice, the orifice located in a selected one of the top wall, the bottom wall and the pair of side walls, the orifice adapted to accept the connection; and
  - a pair of attachment members, the attachment members fixedly attached to the enclosure, the attachment members adapted to permit mounting of the enclosure to a pair of studs disposed within the wall.